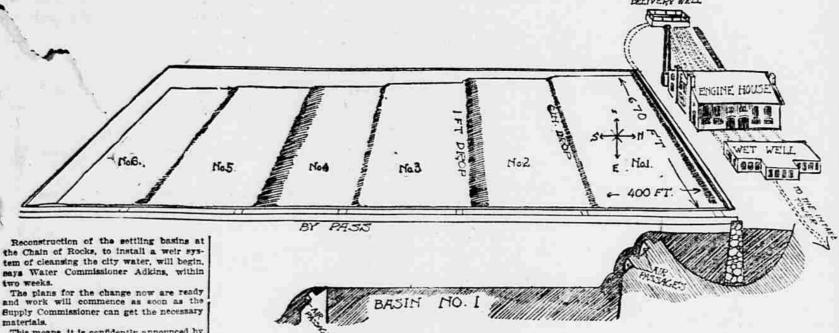
## NEW WEIR SYSTEM AT CHAIN OF ROCKS PROMISES CITY NINETY PER CENT BETTER WATER WITHIN NINETY DAYS.



This means, it is confidently announced by

Water-Department officials, that St. Louis will have 90 per cent better water within three months. It does not mean filtration, bur almost its equivalent, and a necessary

step toward filtration.
With the weir system in operation, Commissioner Adkins states, to add sand filters
will be a much simpler and less expensive proposition than without the weirs, and one which the contour of the land at Chain of

proposition than without the weirs, and one which the contour of the land at Chain of Rocks renders feasible.

In hand, from the appropriation of the last Municipal Assembly, is \$50.00, which will covar the expense of remodeling the six existing settling basins at Chain of Rocks to conform with the weir system. A bill is pow before the present Assembly providing for the construction of two new basins. Nos. 7 and 8, which will give the water just one-fourth greater opportunity to settle as it passes through the reservoirs. These latter involve the expenditure of an

the as it passes through the reservoirs. These inter involve the expenditure of an additional \$500,000.

For the mere reconstruction of the basins now in use the working force of the Water Department will suffice. The chief materials needed have been ordered through the Supply Commissioner in the following quantities: Sand, 1,600 cubic yards; cement, 4,500 barries; 600 feet \$7\$\frac{1}{2}\$ in the following have converted. barrels; 600 feet 6x3-inch steel bars; copper, thirty sheets; \$00 square yards of macadam, and 110,000 vitrified brick. As the plans now stand in their final Bird's-eye and later section view of settling basins at Chain of Rocks, reconstructed according to the welr sys

The upper and larger drawing shows how the water enters from the river, passes through the engine-houses into the filling basins, and thence, by series of waterfalls, through the six settling basins. At each fall the water is acrated, and in each basin it is settled.

The lower drawing shows the filling basin and settling basin No. 1. Entering right section of the filling basin, it passes under the concrete wall shown, and fills the left section evenly and falls into basin No. 1. Sections of protrud-ing brick at each fall cause an uneven fall, with air passage underneath giving the utmost possible opportunity to

The narrow strip at the east of the settling basin is the by-pass conduit, through which the water can be diverted from any basin when cleaning is necessary

signed about a month ago, and as then de-scribed in The Republic, have been adopted. The proposal that the water in the last four

basins take a diagonal course from basin to basin has been rejected. Each basin will be slightly lower than the other, and the water will flow from the first into the second over a low fall extend-ing the entire length of the bashs. A simi-lar connection will exist between the sec-ond and the third, and so on along the en-tire line.

ond and the third, and so on along the en-tire line.

The reason for the change is that in this latter manner the water will have greater chance to aerate, and will allow a larger quantity to pass through. When the change is in operation the basins will present an interesting spectacle—a series of water-falls.

The filling basin will be constructed as originally designed, it will be a narrow reservoir at the northern end of the first settling basin. The water will flow into it as pumped up from the river, at its vestern end. In its center will be erected a narrow dividing wall, beneath which and the bottom will be a narrow opening, through which the water will enter the southern section of the filling basin.

This arrangement is necessary in order that the level be preserved and that the water start evenly upon its course through the length of the six settling basins.

The settling basins are each about 40 feet wide. The wall between the first and second hasins is ten feet in width, and that between the second and third, forty feet, that between the second and third, being greater, the drop will be one foot.

Commissioner Adkins believes that the precipitation of the soldment in the water will relieve it of a high per cent of the basis spradually to the bottom, the result is almost that of filtration. As noted in other cities where the weir system is used, 85 to 80 per cent of the germs are removed from the water.

The plans for the new basins also have undergone modifications. Originally, it was intended that they be added to the south, in line with the existing basins. But it was deemed better to place them to the east, at right angles to the bostom the south. In line with the existing basins, But it was the water and between the fourth and fifth forty feet. Since the separating space between the first and second is narrow, the drop will be only

# RESTRAINS MOB WITH REVOLVER.

Patrolman Gerk Quells a Riot in Its Incipiency and Arrests Ringleaders.

YOUTH REFUSES TO PAY FARE.

Crowd on South Broadway Pulls Conductor Dodge From His Car and Threats of Lynching Are Made.

At the point of his revolver, Patrolman Poseph A. Gerk of the Second District disthreatened to lynch H. G. Dodge, conduc- take his place on the platform and the car tor of a Broadway car, at Broadway and Cherokee street at 5 o'clock yesterday aft-

Then, after arresting Conductor Dodge

the patrol box Gerk was joined by another patrolman, who helped him escort the sextette to the Second District Station, where they will be held until war-

The demonstration which, but for Gerk's prompt action, it is believed would have resulted seriously for Conductor Dodge, was

precipitated, it is charged, by Emil Schneilman, who refused to pay his fare. Schnellman, who is 15 years old, declared, it is said that he would neither pay his fare nor leave

When Dodge attempted to eject the lad several passengers came to his rescue and threatened the conductor with violence. The motorman came to Dodge's assistance and the fight attracted pedestrians. Soon there was a mob about the car.

Threats of lynching were heard. The mob grew in size. Finally several men seized Dodge and pulled him from the car. Instantly the frightened man was sur-

rounded by a throng of men and boys, who were yelling and cursing.

At this juncture Patrolman Gerk arrived and ordered the crowd to disperse. So great was the din that the patrolman's commands went unheeded.

Gerk, unable to make his way through the mass of struggling, shouting men, drew his revolver, and with the weapon pressed against any man who stood in his path, cleared his way to the trembling con-

The display of force and determination quickly overcame the more timid membels of mob, but when Gerk attempted to arrest young Schneliman, John Schumacher of No. 12 Poepping street, Joseph Becher of No. 7912 Ivory screet, Louis Youngblood of No. No. 542 Poepping street interfered.

Gerk again drew his revolver, and, covering the men, drove them into the car. moved to the South Broadway sheds, in charge of Gerk, who stood guard with drawn weapon until the sheds were

The prisoners, including Conductor and five men charged with being ringleaders of the mob, Gerk commanded them to board the car, which took the prisoners to the South Broaway sheds.

When he had safely brought the men to the patrol box Gerk was toined by another the patrol box Gerk was toined by an another the patrol box Gerk commanded them to the Second District Police Station.

The pairwell was prisoners, including Conductor Dodge, and young Schneilman, were taken to the Second District Police Station.

The police held Schneilman on a charge of inciting a rior. He will be sent to the Second District Police Station.

Trosch were charged with disturbing the

E. V. Sewall Kills Himself. Portland. Ore., July 4.—Edward V. Sewall supposed to be a commercial traveler for a Chicago wire and steel firm, committed guicide by shooting himself to-day at the Hotel Beividere. It is supposed that he took his life on account of despondency.

## CELEBRATION AND DANCE

The Fourth of July entertainment and dance last night at the Cabanne Club proved to be one of the most successful and pleasing functions held at the club for many seasons. The east portice of the building was converted into a stuge, and the audience was seated on the lawn.

Red, white and blue lanterns in large numbers were strung among the trees. Former Congressman Charles F. Joy decide avenue, was shorted and sustained landered the opening oration. A music programme was then rendered by Mrs. C. D. Ward, Miss Sally Moon and Mrs. Otto Dieckman.

Among those present were Mrs. A. S. Barnes, Mrs. H. R. Hopkins, Mrs. E. W. Moorris, Mrs. H. B. Schroeder, Mrs. James Daniels Mrs. R. G. Baddwin, Mrs. W. Morrison, Mrs. J. B. Brown, Mrs. R. W. Morrison, Mrs. John F. Logan, Mrs. W. C. C. Sprague, Mrs. C. R. Cadgers, Mrs. C. C. Sprague, Mrs. R. C. R. Glers, Mrs. C. H. Jenkins, Mrs. R. W. Morrison, Mrs. John F. Logan, Mrs. W. Taylor, Mrs. F. H. Builivan, Mrs. A. Strain, Mrs. P. G. Andrews, Mrs. C. H. Strain, Mrs. P. G. Andrews, Mrs. C. H. Strain, Miss Olile Rogers, Miss Basic Voolley, Miss Madie Weist, Miss Leila Dent Brown, Miss Alberta Brown, Miss May Ruddon, Miss Marth Morrisson, M.ss Carrie Wigend, Miss Lalia Thatcher, Miss Estelle Kaufmann, Miss Frederika Gleason, Miss Violet Spelen, Miss Prederika Gleason, Miss Violet Spelen, Miss Prederika Gleason, Miss Violet Spelen, Miss Prederika Gleason, Miss Violet Spelen, Miss Prageria and Miss Emily Brown.

MO FATALITIES REPORTED;

SMALL PROPERTY LOSS.

### SMALL PROPERTY LOSS.

The celebration of Fourth of July yesterday was characterized by fewer casualties and lighter loss of property than for several years. Not one fatallty could be traced

eral years. Not one fatality could be traced to the discharge of firearms or explosion of fireworks.

The police report a considerable decrease in the number of serious accidents, and no fire of serious consequence originated as a result of the use of fireworks.

Although the number of alarms sounded for the twenty-four hours was as large as that recorded last year there was no considerable loss of property.

The city dispensaries and City Hospital reported a failing off in both the seriousness and number of cases treated at those institutions during the day.

The following accidents were reported to the police:

the police:
EDWARD SULLIVAN, is years old, No.
4224 McFariand avenue, was struck on the
head by a stray 32-caliber bullet and sustained a slight scalp wound. The police
could not find the person who fired the

could not find the person who fired the shot.

SHERAL BEE, 14 years old, in discharging a small cannon at his home, No. 29 South Twenty-third, sustained a cut three inches long on the right hand and a deep gash on the left hand. He was treated at the City Dispensary.

CHARLES THIES, 12 years old, No. 770 South Broadway, shot himself in the right hand with a blank-cartridge pistol. Doctor George R. Kunz says the wound is serious. FRANK GARDNER, 13 years old, of No. 369 South Fifteenth street, shot himself in the paim of the right hand with a blank-cartridge pistol.

LOUIS TANNEHILL, 12 years old, of No. 1507 North Second street, sustained a wound

cartridge pistol.

LOUIS TANNEHILL, 12 years old, of No.
1507 North Second street, sustained a wound
on the right hand from a blank-cartridge revolver.

JOHN McCLUSKEY, 14 years old, from
the premature discharge of a cannon at his
home, No. 1413 North Sixteenth street, sustained lacerations of the forehead.

BERNARD KELLY, 13 years old, of No.
3123 Chouteau avenue, shot himself in the
hand. He was treated at the City Hospita.

hand. He was treated at the City Hospital.

HENRY ROSENTHAL, 19 years old, of No. 203 North Twenty-second street, sustained powder burns on the face, neck and head by the premature explosion of a cannon. He was taken to the City Hospital.

OTTO SCHROEDER, 12 years old, of No. 1214 Carr street, was wounded in the palm of the left hand by the explosion of a blank-cartridge pistol.

G. H. LAWSON, a Transit Company conductor, of No. 5113 Michigan avenue, shot himself in the index finger of the left hand. EDDIE WEISS, 13 years old, of No. 2337 Marine avenue, shot himself in the left hand with a blank-cartridge pistol. He was treated at the South Side Dispensary. EMIL WIEBOLD, 13 years old, of No. 3745 Marine avenue, was wounded in the left hand by the discharge of a blank-cartridge pistol.

JOHN HOLKEN, 15 years old, of No. 2332 JOHN HOLKEN, 15 years old, of No. 2033

North Nineteenth street, was burned on the face and around the eyes by the explosion of a pistol

AT THE CABANNE CLUB.

AT THE CABANNE CLUB.

JOSEPHINE CALDWELL, No. 433 North Broadway, powder burns on face.

MICHAEL BRENNAN, If years old, shot himself in the left knee with a 22-callber blank-cartridge pistol at his home, No. 1416

So North Taylor avenue dressed Mrs. Overmeyer's wound and she returned to her home.

BEN SCHULTZ. 16 years old, suffered burns which will probably cost him the sight of his left eye, while setting off a pln-wheel in front of his home, No. 5790 North Market street, last night. Doctor Philip Zatt of No. 5447 Easton avenue altended Schultz. He pronounced the lad's injuries serious.

JOHN PICO, 18 years old, of No. 1820 Ellwards street, while firing a revolver loaded with blank cartridges, shot himself in the right thigh, inflicting a slight wound. He was attended by Doctor B. J. Irwin of No. 248 Manchester avenue.

MARSHALL SHUTTERLY of No. 522 Brooklyn street was shot and seriously wounded by Roy McKee of No. 1829 North Tenth street, last night, because he discharged a blank cartridge in front of the home of the latter's mother, No. 1223 Chambers street. The weapon was a shotgun charged with blank shells. The wad struck Shutterly n the right leg, inflicing a wound almost an inch in diameter. Shutterly was taken to the City Dispensary. Doctor Lawrence pronounced the injury not serious. McKee was arrested.

SKYROCKET CAUSES BLAZE.

A skyrocket fired through a window into the home of Mrs. D. W. Mason, No. 512 Suburban avenue, yesterday afternoon fell an a bed n a room on the second floor, ignited bed ciothing and the flames caused a damage of \$50 to the furniture and the same amount to the building. The house is owned by the Knapp-Stout Lumber Company.

Eleven Injured at Indianapolis. Indianapolis, Ind., July 4.—Eleven persons were injured to-day in celebrating the Fourth. Premature explosions caused nearly all the accidents. All but one are boys. Three will lose an eye each and the others have larcerated hands.

### How to Be Beautiful.

How to Be Beautiful.

If you get up in the morning and don't feel refreshed from your nights rest, tire easily and are low spirited, lose fish and have indigestion, your system needs toning. No woman is beautiful who is not healthy. The plainest woman, if full of health and vigor, is attractive. It is claimed that Duffy's Pure Mait Whisky keeps the body and brain in perfect working order; strengthens and sustains the system; atimulates the blood, makes you gain flesh and rounds out the hollows in the cheeks. The appetite is good, you sleep well, the eye becomes bright and the step elastic.

Duffy's Pure Mait Whiskey is prescribed by thousands of doctors exclusively as a stimulant and tonic.

It may be had at all druggists, grocers or direct from Duffy Mait Whiskey Co., Rochester, N. Y. Medical book free.

#### TO DEDICATE JERUSALEM. Elaborate Ceremonies Will Be Held on July 11.

Oriental rites will accompany the dedica-tion of the site of Jerusalem at the World's accment of the Jerusalem Exhibit promises North Nineteenth street, was burned on the face and around the eyes by the explosion of a pistol.

MRS. BERTHA NAGEL, 50 years old, of No. 1708 North Twelfth street, was shot in the right hip by a stray buillet at Twelfth and Howard streets. George Hearne, 16, of No. 1908 North Fifteenth street, and James Cairns, 15, of No. 1710 North Fourteenth street, are help by the police pending investigation.

THOMAS BENNELMEYER, 30 years old, of No. 901 Manchester avenue, was burned all out the face and sustained a laceration of the forehead by the explosion of a cannon cracker.

GEORGE F. WOODS, No. 819 Chambers street, shot in right hand.

MILLIAM RHEINHARDT, No. 2408
North Eleventh street, shot in left hand.

HENRY VINTON, No. 2513 North Broadway, shot in left hand.

HENRY Y JENNINGS, No. 2800 North Broadway, shot in hand, ALBERT KIUNK, No. 3617 North Broadway, shot in hand, ALBERT KIUNK, No. 3617 North Broadway, blank cartridge wound in right hand. that Madame Lydia M. Von Finkelstein

via the Rock Island System from Kansas City.

St. Louis to

July 1 to 10

Colorado and

Proportionately low rates from points east of St. Louis. This remarkable reduction is made on account of the

Reduced round-trip rates to California will also be in

It may be years before another such opportunity of

The easiest way to be SURE of having a comfortable

visiting the West presents itself. Take advantage of it.

trip is to tell the ticket agent that your ticket should read

Tickets, berths and full information at this office.

annual meeting of the Society of Christian Endeavor, and

is open to the general public as well as to Endeavorers.

Return limit, August 31.

effect during the first ten days of July.

H. P. MANTZ, Dist. Pass. Agt. 901 Olive St., St. Louis.

#### CAPTAIN DICKSON MADE ORDNANCE BOARD RECORDER

General Gillespie to Succeed Miles a President on Latter's Retirement.

Washington, July 4.-Secretary Root delegated to General Gillespie, Chief of En-gineers, and General Crozier, Chief of Ordnance, the delicate duty of selecting a recorder and disbursing officer of the Board and Ordnance and Fortification, an office made vacant by the detachment of Captain William W. Gibson of the Ordnance Department, who has been assigned to duty on the General Staff and ordered to the Philipoines.

After a thorough canvass of the field. Generals Gillespie and Crozier united in the colection of Captain Tracy C. Diekson of the Ordnance Department, now on duty in this city, for that office and their selection has been approved by Secretary Root.

Lieutenant Colonel Samuel Reber of the Signal Corpe, now on the staff of Lieutenant General Miles, was suggested for the assignment and undoubtedly would have been selected but for the fact that he was found ineligible for such assignment under a ruling made by the Secretary of War that no member of the General Staff should be called upon to perform any other duty, as it was desired to leave them entirely free for any assignment under the General Staff that might be deemed essential without possibility of embarrassment of any other contents. After a thorough canvass of the field, that might be deemed essential without possibility of embarrassment of any other branch of the military service.

It is understood that Lieutenant General Miles, who is president of the Board, recommended Lieutenant Colonel Reber for the position of recorder, but that he did so without the knowledge of the intention of the department to assign that officer to duty elsewhere in connection with the business of where in connection with the business of the General Staff. Although not set an nounced, it is believed to be settled that General Gillespie will succeed to the presi-dency of the beard when General Miles re-tires from active service next month.

Shot Himself in Hand.

REPUBLIC SPECIAL Dailas, Tex., July 4.—Sipley Root, 19 years old, shot himself in the right hand with a toy pistol to-day.

#### **RIOT IN RUSSIAN PRISON** MAY BRING IMPROVEMENT.

Grand Duke Vladimir, Who Goes t Quell Tumult, Finds Fault With Overcrowded Condition.

St. Petersburg, July 4.-Eighty political prisoners who had been transferred from a preliminary prison to the convict prison here on account of overcrowding, and who were placed in solitary confinement, re-belled and sang revolutionary songs.

An uproar and a conflict between the guards and the prisoners followed and at-tracted a large crowd of sympathizers with

riot.

He declared that the overcrowding was deplorable, remarked that the army was not designed to do the duty of prison guards and immediately reported the condition of the prison to the Czar.

### MULES AND HAMS IN ONE CARGO

Trolley Cars and Needles Are Also Stowed Rhodesia's Cargo.

New York, July 4.—Into the hold of the steamship Rhodesia, which is docked at the foot of Pavonia avenue, Jersey City, and which is bound for South African ports, a remarkable cargo is being hoisted.

It consists of anchors, needles, planes, organs, oysters, stoves, bug exterminators, automobiles, novels, hams, root beer, policemen's batons, three trolley cars, 1,000 rifles, preserved cherries for cocktails, 200,000 bottles of beer and 109 mules.

Overcome by Heat. Tom Dugan, 19 years old, of No. 6218
South Seventh street, was overcome by the heat while walking in Carondelet Park yesterday afternoon and his condition is regarded as serious. He was taken to his home in a patrol wagon. Doctor L. A. Reber, of No. 6429 South Broadway attended Dugan.

#### POLICE APPOINTMENTS SAID TO HAVE BEEN BOUGHT.

Washington Chief and District Commissioners Begin Investigation of Charges.

Washington, July 4.- The District Comnissioners and Chief of Police of Washington are investigating an alleged scandal regarding the payment of money to The appointment of money to secure positions on the police force.

The appointment of four men who have passed the examination has been held up. It is alleged that each of the men paid \$125 to certain parties to procure their appointments. Allegations are made that the system has been going on for several years.

#### MAHANEY Will Become Auditor of the Subur-

ban Company.

John Mahaney, who for many years has John Mahaney, who for many years has been connected with the St. Louis Transit Company as superintendent of the Second Division, has resigned his position to become auditor of the St. Louis and Suburban Railway Company.

Mr. Mahaney's division included the Cherokee, Tower Grove and Jefferson avenue lines, and was one of the most important in the operating department of the system. Charles Turner, superintendent of the Cive street division, is slated to succeed Mr. Mahaney. These changes, it is said, will go into effect at once.

Grand Rapids Cathedral Consecrated.
Grand Rapids, Mich., July 4.—St. Andrew's Cathedral, erected to take the place of the structure burned to the ground as the result of a stroke of lightning March 25, 1901, was consecrated to-day in the presence of his Excellency, Most Reverend Diomede Falconio, Apostolic Delegate to the United States, and thousands of Catholic laymen. Archbishop Moeller enducted the ensecration service, and at the high mass following Archbishop Quigley preached the sermon.

## \$500,000 IN PRIZES of \$5.00 each will be given to to School Children's Competitive Advertising Contest No. 816.

LITTLE TOMMY TUCKER HE CRIED FOR HIS SUPPER AND HE WAS ASSBAD AS COULD DE BUT NOW HE'S AS-GOOD/ MEDSEL

As Rep. Riding Hood FOR 'THEY FEED HIM-ON S

This sketch was made by Virginia Joy Goodbar, aged 10, Phillips School, St. Louis, Mo. We give a cash prize of \$5.00 for any drawing of this character which we accept and use. All school children can compete. Full Instructions will be found on inside of each package of Egg-O-See telling what to do to get the prize and how to make the drawings. These prize sketches will be published in The Republic on Sundays and Tuesdays.

Egg-O-See is only crisped wheat that has been scientifically prepared. Only the choicest and soundest of the finest wheat that can be procured is used in its manufacture. All vessels and machinery used in its manufacture are carefully sterilized. It is crisp, healthful and wonderfully

Note-The price of Egg-O-See is 10 cents for a full size package, such as is usually sold for 15 cents. The largest food mill in the world, with the most approved labor-saving machinery enables us to make the best flaked wheat food at this lower price.

BREAKFAST FOOD CO.

ASK YOUR GROCER FOR THE GREEN PACKAGE.

If your grocer does not keep it, send us his name and 10 cents and we will send you a package, prepaid. Address all communications to Battle Creek Breakfast Food Co., Quincy, Ill.



Still another point of interest about the "Sir Knight"

\$4.00 Shoe: Like the "One Hoss Chaise," each part is

made right and of the best material. The upper is as

strong as the sole, wears as long and looks well to the end.

The Shor shown below to the Gountlet Too. There are eleves other

William Moore, Kansas City, Mo.: "I have worn a pair of your Sir Knight' \$4 shoes for the past six months: they are the best, most comfortable and most stylish shoes I ever put on my feet,"

If your dealer does not carry "Str Knight," write and send as \$4.00 by postal order or regis-tered mall, and we will see that you get thom. It pays to insist on getting "Sir Knight."

Look for name and shield on the sole.

Dealers not yet selling "Sir Knight" abould write imme

Wertheimer-Swarts Shoe Co.

Clover Brand Shoe Makers.

ST. LOUIS.

ses. All rises and whiths. Your size among them.

